week are as follows:

SUCCESS IS CLAIMED FOR THE PITTSMONT SMELTER. Mining and Treating Costs to Be Kept Within 62 a Ton-Change in Management of the Bigelow Mines of Lake Superior District-Gold From Alaska.

BUTTE, Mon., July 24 .- If all that Raiph Baggaley claims for the Pittsmont smelter proves true, then the smelters in Montana, erected at a cost of \$15,000,000 to \$20,000,000, may as well go out of business and start in with the new system, which, Mr. Baggaley THE OUTSIDE MARKET. says, means an additional saving of 30 per cent. or more in mineral values. This state-The transactions in the outside market for the ment was brought out in the hearing of one of the ranchers' damage suits against the Butte smelters, which has been going on for several months before a master in chan-

20 Am Writ P pf ..... 28 500 Bay State Gas..... 3-16 2840 Beth Steel ..... 311/4 1700 Beth Steel pf ..... 871/4 7880 British Col Cop..... 6% 200 Cent Foundry..... 8% 60 Cent Foundry pf.... 18 85000 Chic Subway...... 79 1100 Det Southern & Or., 3614 1400 Gold Hill Cop...... 44 12645 Granby Cop ...... 614 200 Guanajusto M..... 414 5630 Int Mer Mar ..... 1114 8150 Int Mer Mar pf ..... 2714 8114 200 Mackay Cos ...... 40% 728 Mackay Cos pf..... 74% 100 Old Tiew M ...... 2 50 Phoenix Sec...... 216 100 Pope Mfg 2d pf.... 2016

treat 2 per cent. ore at a profit; how much lower he cannot determine until the plant has

NEGRO GASHES A PEACEMAKER. Uses Knife With Serious Effect When Life

Bad feeling between whites and blacks engendered by the employment of a negro foreman over a mixed gangl at the Pennsylvania Railroad tunnel at Weehawken resulted in a lively clash Saturday afternoon.

One white man was slashed across the abdomen and sent to St. Mary's Hospital in Hoboken. It was said last night that he has only a small chance for recovery. Six negroes were arrested, but the police are not sure they have the right man.

The trouble was started by a number of company through these plants.

Costs of mining and production within \$2 a ton of ore.

The ore mined for the first test averaged \$16 a ton; that taken out during the last two months, \$9.80, and that from the stopes since June 27, \$20 a ton. The ores of the Pittsmon are not as rich as the ores from the Clark mines, but Mr. Baggaley says they run higher than the Boston and Montana ore, which runs higher than that of any other Amalgamated property.

Two new precipitating plants are being erected by the Boston and Montana Company a short distance below the Leonard mine, which will replace the two old ones now in use. A large amount of copper is saved by the company through these plants.

MARINE INTELLIGENCE.

Ss Ryndam, from New York at Rotterdam.

OUTGOING STEAMSHIPS. Sall To-day.

Mails
Close. Kronpring Wilhelm, Bre'm 2 30 A M Pannonia, Naples.... Jamestown, Norfolk. Sall Wednesday, Aug. 2.

Due To-day. Kaiser Wil'm der Grosse Bremen
Caronia. Liverpool
Oceanic Liverpool
Georgia Naples
Free Therefore Aug. 2 Due Thursday. Aug. 8. 

TRANSPACIFIC MAILS.

The final connecting mails close at the General Post Office, New York, as follows:

Tahiti and Marquesas Islands, via San Francisco, 6 P. M., Aug. 1, per steamship Mariposa.

New Zesland, Australia (except West), New Caledonia, Samoa, Hawaii and Fiji Islands, via San Francisco, 6 P. M., Aug. 5, per steamship Sonomé.

GLDFIELD, July 25.—Ore which runs up to \$700 to the ton has been struck at the bottom of the 65-foot shaft on the Curtis & Ridge group. The strike was made by leasers. Much of the ore taken out before this averaged \$100 a ton, and numerous strikes of rich pockets had been made, but this deposit is pretty large and promises to yield a fortune to the lucky leasers.

C. S. Wallace, who was burned out in the recent fire at Goldfield and who received some bad burns on the face and hands, was rewarded for his persistence by striking a rich ledge a few days ago on the Gold Coin mine, on which he has a lease. He thinks the ore will average \$200 a ton, while the men working for him say it will go as high as \$500.

The Combination Fraction, which has \$500. The Combination Fraction, which has

NEVADA.

proved barren heretofore, is now showing up good ore at a depth of 100 feet.

A California mining engineer has laid out a line of development on the St. Ives which promises to bring good returns. A crosscut from the 150-foot level has cut the east ledge and a crosscut on the 100-foot level has proved the existence of a west ledge. Both ledges show suite ores.

McDonaid & Mayne, leasers on the Sandstorm, continue to sack high grade ore. They have had about the best luck of any leasers in the camp. On the Jumbo extension the ore body has been followed for 50 feet and it holds good.

In the Diamond Special on Columbia Mountain, which adjoins the famous Sandstorm, at a depth of fifty-eight feet a streak of ore four inches wide gives values of \$348.80 in gold. It is the intention to sink the shaft to the 90 foot level. The mine is owned by Chicago and Duluth people.

The Diamondfield and Black Butte companies have settled litigation which promised to bankrupt both of them and have agreed to unite forces. A new company, possibly called the Diamondfield-Black Butte Consolidated, will be formed. It will be capitalized at \$2,000.000,

ALASKA.

ment was brought out in the hearing of one of the ranchers' damage suits against the flutte smelters, which has been going on for several months before a master in chancery, and in which Mr. Baggaley, manager of the Pittsburg and Montana Company, gave a lot of testimony to prove that ore can be smelted without concentration, through his process now in operation at the Pittsmont smelter.

Operations at the Pittsmont smelter have always been carried on with the utmost secreey. When the smelter made a trial run fifteen months ago it was the general impression that the process was a failure, but in Mr. Baggaley's testimony it is shown that this impression was the very one he wished to give, because of the fact that persons in the employ of other copper producers were there to witness the test. He purposely allowed the furnace to cool and the molten bath to chill by turning more water through the water packet. Now every part of his process has been patented and he fears publicity no longer.

The Garretson process was at first intended for use in the Pittsmont, but after trial it proved a failure and the process now in use is Mr. Baggaley's own improved system. At the preliminary test there were tent one of copper turned out. With the exception of larger converters and an electric crans, no changes have been made in the smelter since the test was made. By the old method, it is admitted by smelter men, the mineral loss is admitted by smelter men, the mineral loss is admitted by smelter men, the mineral loss is shown we can ave the metal to a much higher percentage, said Mr. Baggaley. In the old method, it is admitted by smelter men, the mineral loss is less than 15-100. We sustained a loss as high as that in one instance only."

How low a grade of ore can be worked at a profit by his process has not yet been demonstrated, but Mr. Baggaley says it the loan treat 2 per cent. ore at a profit; how much lower he cannot determine until the plant has been running six months or a year. The only difference hetween the old meth

more low a grade of ore can be worked at profit by her process has not yet with the pint has been unning six monta determine until the plant has been unning six monta or a year. The only own lies in the fact that the other companies pay from \$5 to \$15 a ton for coke and use 20 per cent. Let, while he use only 3 per cent. Determines the fact that the other companies pay from \$5 to \$15 a ton for coke and use 20 per cent. Let, while he use only 3 per cent. Determines the fact that the only 3 per cent. Determines the fact that the only 3 per cent. Determines the fact that the only 3 per cent. The shift is down any so feet that a cent winter any the recent white a state of mining and production within \$2 a. The production within \$2 a. The company through the production within \$2 a. The company through these plants.

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However, the production within \$2 a. The company through the production such a crusade. Some decidedly erroneous statements regarding the Keweenaw have appeared recently in usually well posted Eastern publications. Among the more paipable errors set afloat are the statements that the underwriters have been called on for money: that 150,000 shares of stock were offered for subscription and that the underwriters were to have 1,500 shares of stock were offered for subscription and that the underwriters are to have 1,500 shares of stock were offered for subscription price of stock were an attack the state of the stock were the state of the state of the state and the state of the state and the state of the state of the state each of the state of th

prospects on the Herkimer have shown equally rich ground.

COLORADO.

COLORADO SPRINGS, July 27.—Work on the Brick Pomeroy tunnel, begun in 1880, will be resumed in September. The Denver Salt Lake Railway Company is now owner, and the Denver and Salt Lake Construction Company of New York will have the contract in accordance with instructions of shareholders. At a recent meeting of the tunnel company in Denver, William Amos of Port Alleghany, Pa., was elected president. The directors include also L. B. Jones and H. W. Woodruff of New York, John J. Reilly of Los Angeles, Cal.: James Lynch and H. W. Hanum of Denver.

The tunnel will be about three and a half miles long, and will penetrate through Gray's Peak, the dome of the continent. Its present size, ten by twelve feet, will be maintained. Work will be driven from both ends. The west end, now in 2,500 feet, will probably be abandoned so far as railroad purposes are concerned, and a new start will be made from a point in Summit county known as the horseshoe, at the head of Snake River, which will cut off more than a mile of tunneling. On the east end the tunnel is in 5,300 feet.

An independent company will be organized to build and operate the railroad, which will shorten the distance between Denver and Salt Lake 100 miles. As a mining scheme the tunnel is one of the biggest launched in Colorado for some time.

Work will be completed in three years. The cost will exceed \$1,500,000, exclusive of plants of machinery, track and rolling stock.

The Dillon Gold Mining Company has declared its third monthly dividend, \$6,500, or \$19,500 total. The July total dividends will approximate \$500,000, with the Portland's \$180,000 regular quarterly and \$120,000 extra. The Morning Star group of four claims, in Georgia Gulch, Idaho Springs district, has been bought by Lynn, Mass., capitalists, who have held an option at about \$25,000 for several months. The properties show improvement with development work.

James O. David of Philadelphia, Pa., is secretary-tressurer of the Que

IN THE BLACK HILLS.

DEADWOOD, S. D., July 25.—The Imperial Mining Company recently encountered a rich body of ore while working in an upraise on the Sunday claim. The ore in the upraise has already been exploited to a distance of seven feet, and the entire thickness of the body has not been determined. Another body of ore was encountered below a few weeks ago, but this more recent discovery is the highest grade ever encountered on the ground. At the weekly clean-up last Saturday the largest brick ever turned out from the mill was made. It weighed 137 pounds and will be worth between \$6,000 and \$7,000. The mill has made an excellent record during

MINE PUMPS.

STATION AND SINKING MINING PUMPS.

THE SLOGAN OF THE CAMERON—
"CHARACTER THE GRANDEST THING."
Over 40,000 CAMERON pumps in daily satisfactory use all over the world give tangible proof of their merit and confirm the claim for their superiority over all others. They are conceded to be the most durable, reliable and effective mining pumps on the market to-day, and while often imitated are never equalled. For proof, inquire of any mining engineer: (40 the latest catalog "C" and prices, write any of our resident agents or direct to the S. CAMERON STEAM PUMP WORKS, Foot East 23d St., New York City, U. S. A.

the last month. The tonnage has averaged 150 a day.

The Hidden Spanish Company recently increased its holdings from 190 acres of deeded land to 615 acres, and aside from rich gold ores has recently discovered a vast bed of what has been named "electric metal polish. A Des Molnes chemist attempted to ascertain, the ingredients of this fine sand, almost like flour and highly charged with electricity, but he announced that either a United States Government or a German analysis would be required to name all "its component parts. For polishing all kinds of metal, however, it has already demonstrated its value. The vein is from three to five feet in thickness, not more than that many feet below the surface and extends over many acres.

SALT LAKE, July 24.—In drifting along the vein the Albion tunnel management, at Aita, has broken into a valuable deposit of copper ore. The exploration has not been sufficient to determine the details of the find, however. A cross cut is being made from the 2,530 station in the lower tunnel to reach the vein of lead from which the force was formerly expelled by water. Three hundred men are now employed in this camp. In Utah Copper Company ground, Bingham, the All's Weil ledge has developed from a milling into a smelting proposition. The body in which the miners are now delving contains an average of 15 per cent. copper. Improvement in size keeps pace with the gain in values.

The Utah Consolidated and the United States mines at Bingham paid out the past week in dividends \$600,000 and \$306,000, respectively.

The Mammoth of Tintic, which for some spectively.

The Mammoth of Tintic, which for some time past was shut down on account of the burning of the pumping station, has resumed

WASHINGTON.

SEATTLE, July 24.—Mount Baker district, as predicted early in the spring, is making a splendid record as a gold producer. Three mills began dropping stamps in May and they are in position to keep it up all winter, with an abundance of high grade ore. Mount Baker now takes position among the leading gold producing camps of the Pacific Northwest. New discoveries are being made and prospectors are meeting with great success all over the district.

The mines on the headwaters of the Skagit River, which are principally silver-lead, idle for several years, are now taking enemewed life and can soon be placed among the heavy producers. The veins are from \$20 to \$120 a ton in lead, silver and gold. New railroads are planned in this district, and lines are now being run. Besides the metals already mentioned, there are coal, iron and gypsum deposits of magnitude.

BRITISH COLUMBIA.

BRITISH COLUMBIA.

SEATTLE, Wash., July 24.—Hill's Bar on Fraser River, near Yale, was purchased on Saturday by a syndicate of Americans, who will begin active work within ninety days. The property embraces 600 acres and has produced over \$2,000,000, worked in the most careless manner during the early days of the Fraser River gold excitement. The ground has been thoroughly prospected, proving the richest in the province. Machinery has been ordered that will work it to its full capacity. The amount of gold taken out is regarded as but a fraction of that remaining. The property is accessible by water and rail, and can be worked winter and summer without interruption.

The mines in Slocan district are making a splendid showing, the record in dividends being \$3,747,797. The Cork mine, owned by a French syndicate, in this district, will stars up on Monday, producing 120 tons a day. BRITISH COLUMBIA.

Law said in court that a relative of his had won \$140 at lottery policy in Harlem and that he had been unable to get the money. He tried to get what was owing to his relative, and in his opinion Kent was responsible for the default in paying. He said he had used no threats.

Magistrate Whitman took the statements of Mr. and Mrs. Kent and announced that there were no legal grounds on which a formal complaint could be entertained. He then discharged Law.

He then discharged Law.

THREE NEW FIREBOATS

-More Days Off for Firemen.

Three new fireboats of great power and with all the latest appliances for fighting fire along the river front are soon to be added to the city's present fleet of seven

Fire Commissioner Hayes says in the annual report, which he will send to Mayor McClellan to-day, that he has reorganized

McClellan to-day, that he has reorganized the fireboat fleet during the last year and proposes to make it most effective. By Oct. 1, also, the uniformed and paid fire service will be established in all boroughs.

There are now 3,500 uniformed men in the department. There were 2,972 when the the present Commissioner took charge of the department on Jan. 1 of last year. The men get a day off six times a month now and two weeks amual vacation. This is an extra twelve hours three times a month. The two platoon system, he said, was bad for the men and bad for the city.

Pulled Gun to Him by the Barrel. Robert Hopkins, who is 19 years old, and his brother James, who is 30, went gunning in a rowboat on West Farms Creek, in West Chester, yesterday. In getting out of the boat Robert grabbed the gun by the barrel as it lay and pulled it toward him. Then he toppled over in the boat with his right arm torn by the load of shot and one pellet in his face.

Thomas Coggins, employed in the District Attorney's office, was passing in a launch and took the boy to Clason's Point, whence he was sent to Fordham Hospital, He may lose his arm. The brothers live at 85 East 118th street. at 85 East 118th street.

The List of Referees. The following is a list of referees appointed in cases in the Supreme Court last week:

By Justice Fitzgerald.

Cases. By Justice Fitzgerald.

Cases. Referees.
Engelman vs. Blair. Richard H. Clarke.
Rogers vs. Logan. John E. Duffy.
Maiter of Stapleton. Isaac Bell Brennan.
City Real Estate Co vs.
Storm. Joseph P. McDonough.
Mills vs. Goldstein. John J. Lenchan.

By Justice Gieserich.

Court Calendars This Day. Appellate Division—Supreme Court. Recess.
Supreme Court—Special Term.—Part I. Motion
calendar called at 10:30 A. M. Part II.—Ex parte

WANTED FOR U. S. ARMY—Able bodied un-married men between ages of 21 and 25; citizens of United States, of good character and lemperate habits, who can speak, read and write English. For information apply to RECRUITING OF-FICER, 25 Third Ave., 2300 Third Ave., 705 Sixth Ave., 2306 Eighth Ave., N. Y., or 363 Fulton St., Brooklyn.

ENGINEER OFFICE, U. S. ARMY, Room 2. Custom House, Norfolk, Va., July 1, 1908—Sealed proposals for dredging harbor at Cape Charles City, Va., will be received here until 12 M., Aug. 8, 1908, and then publicly opened. Information turnished on application. E. EVELETH WINS-LOW, Capt., Engrs.

680 Sanitary C A V Co. . 8 646 Seaboard A L rts... 134 100 Seaboard A L pfotfs 48 650 Seaboard Co...... 2436 200 Seaboard Co 1st pf . 86 1150 Seaboard Co 2d pf . 54

400 Tintle Co...... 834 100 Tonopah M..... 1834 300 Tenn Cop ..... 28% 22860 Union Cop....... 194 28800 United Cop...... 80 880 United Cop pf...... 7494 2180 U S Rubber 2d pfw1 78

10000 Albany & Sus ctfs...108 17000 Am Writ Paper 5c... 8636 2000 Ekin Un Gas deb 6s..175 20000 Int Mer Mar 41/46... 781/4 781/4 1000 Iron St'mb't 2ds 4%. 441/4 441/4 2000 Wash Eleo Ry 48... 911/4 911/4 2440700 Jap new 41/46 w 1... 881/4 881/4

Is Threatened by Whites.

The trouble was started by a number of white tunnel workers who saw a negro him. One of the whites struck him, and the black man drew a knife and attacked one Gorman, who is said to have got into the thickest of the fight in the capacity of a peacemaker. The negro ran for his life and

Then the whites started out to hunt for blacks and reports reached the police that a race riot was imminent. Meanwhile several Weehawken policemen scoured the town for negroes, and arrested six of them.

It was said at the Weehawken police station last night that no colored man, other than Gorman's assailant, had been attacked by whites.

Arrived -SATURDAY, July 29.

Sa Parisian, Glasgow, July 20.
Sa Brooklyn City, Bristol, July 10.
Sa Washington, London, July 11.
Sa Etise Marie, Rotterdam, July 13.
Sa Tabor, Tampico, July 20.
Sa Marcas, Trindad, July 22.
Sa Solveig, Baltimore, July 28.
Sa Jamestown, Norfolk, July 29.
Sa Katahdin, Georgetown, D. C., July 28.
Sa Benefactor, Philadelphia, July 29.

Salled FROM FOREIGN FORTS.
Ss Lucania, from Queenatown for New York.
Ss Noordam, from Boulogne for New York.
Se Vaderland, from Dover for New York.

San Francisco, 6 P. M., Aug. 5, per steamship Sonoma.

Japani Cores. China and Philippine Islands, via Seatile. 6 P. M., Aug. 7, per steamship Shawmut.

Japan Gencep parcela poet maila, Cerca, China and Philippine Islands, via Vancouver and Victoria, B. C., 6 P. M., Aug. 8, per steamship Empress of Japan.

Hawaii, Japan. Corea. China and Philippine Islands, via San Francisco, 6 P. M., Aug 11, per steamship Siberia.

Japan. Corea. China and Philippine Islands, via Tacoma. 6 P. M., Aug. 11, per steamship Yangise.

Fili Islands, Australia (except West) and New-Caledonia, via Vancouver and Victoria, B. C., 6 P. M., Aug. 12, per steamship Moana.

Hawaii, Via San Francisco, 6 P. M., Aug. 14, per steamship Alameda.

Hawaii, Japan, Corea. China and specially addressed mail for Philippine Islands, via San Francisco, 6 P. M., Aug. 24, per steamship Mongolia.

Philippine Islands and Guam, via San Francisco, 6 P. M., Aug. 25, per U. S. Transport.